

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	49	("5463610" "4800258" "4905215" "5499224" "5506823" "5647047" "5770811" "5844882" "5892983" "5987223" "6085267" "6211974" "6211974" "6243171" "4244007" "4266244" "4275425" "4338682" "4517612" "4545003" "4544956" "4626679" "4759996" "4785438" "4805205" "4843625" RE33462 "4982232" "4994971" "4998252" "5022019" "5276663" "5293276" "5311573" "5366835" "5377050" "5377054" "5381466" "5386496" "5426629" "5459703" "5481293" "5481518" "5493325" "5555230" "5610894" "5666332" "5671226" "5692113" "5703862").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:37
L2	527	(358/527).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:37
L3	2274	(recording or reproducing) and (optical near3 disc) and (head or reading or (read\$3 near3 out) or needle) and (display\$3 with (address or position or location\$1 or scene))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:44
L4	831	(369/44.37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:38
L5	8	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:39
L6	1	4 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:39

## EAST Search History

L7	831	(369/44.37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:39
L8	1	7 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:40
L9	69	(348/526).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:40
L10	0	9 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:40
L11	232	(84/602).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:42
L12	5100	((84/602,604-609) or (711/100) or (365/230.01)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:43
L13	244572	(orbit or track) with (position or point or location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 14:45
L14	272	12 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 14:45

## EAST Search History

L15	4	3 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 14:45
L16	15	11 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:32
L17	1	processing with instruct\$3 with position same direction with orthogonal with circumferential with orbit same display\$3 with (different or form)	US-PGPUB	OR	ON	2006/04/13 15:32
L18	1	processing with position same direction with orthogonal with orbit same display\$3	US-PGPUB	OR	ON	2006/04/13 15:33
L19	1	(processing with position same direction with orthogonal with orbit same display\$3).clm.	US-PGPUB	OR	ON	2006/04/13 15:33
S1	4974	((84/601-602,604-609) or (711/100) or (365/230.01)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:43
S2	8	((("5701282") or ("20020012526") or ("4812940") or ("5832173"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 14:14
S3	0	("2002/0012526").URPN.	USPAT	OR	OFF	2005/06/13 14:26
S4	14	("4200893"   "4210785"   "4539603"   "4692819"   "4789973"   "4812940"   "4937037"   "5157561"   "5202961"   "5206767"   "5225945"   "5386581"   "5388197"   "5513306").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 14:34
S5	6	("5832173").URPN.	USPAT	OR	OFF	2005/06/13 16:04
S6	5	("4858031"   "4991159"   "5138600"   "5392265"   "5485442").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 14:35
S7	4	("5701282").URPN.	USPAT	OR	OFF	2005/06/13 14:35

## EAST Search History

S8	5	("4200893"   "4386379"   "4398279"   "4399527"   "4410923").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 14:35
S9	15	("4812940").URPN.	USPAT	OR	OFF	2005/06/13 14:36
S12	1938	(recording or reproducing) and (optical near3 disc) and (head or reading or (read\$3 near3 out) or needle) and (display\$3 with (address or position or location\$1 or scene))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:38
S13	11	S1 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 14:52
S14	2	("5350882"   "5512704").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 15:03
S15	0	("6751167").URPN.	USPAT	OR	OFF	2005/06/13 15:04
S17	1193	(recording or reproducing) and (optical near3 disc) and (head or reading or (read\$3 near3 out) or needle) and (display\$3 with (address or position or location\$1 or scene)) and (locate or search\$3 or detect\$3 or find\$3 or recogniz\$3 or identify\$3) near5 (address or position or location\$1 or scene)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:03
S18	6	S1 and S17	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 15:27
S19	0	S17 and (disk adj jockey)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 15:28
S20	125	(disk adj jockey)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:07
S21	20	S20 and (recording or reproducing) and (head or reading or (read\$3 near3 out) or needle) and (locate or search\$3 or detect\$3 or find\$3 or recogniz\$3 or identify\$3) near5 (address or position or location\$1 or scene)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 15:30
S23	0	S4 and S17	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:03
S24	0	desired near3 (position or location or scene)	USPAT	OR	OFF	2005/06/13 16:06

## EAST Search History

S25	0	desired with (position or location or scene)	USPAT	OR	OFF	2005/06/13 16:07
S26	0	desired adj position	USPAT	OR	OFF	2005/06/13 16:07
S27	116	S20 and (position or location or scene or point or marker)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:08
S28	0	S20 and desired with (position or location or scene or point or marker)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:09
S29	0	S27 and S4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:09
S30	0	S27 and S5	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:09
S31	0	S27 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:09
S32	0	S27 and S7	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:10
S33	0	S27 and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:10
S34	0	S27 and S9	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:10
S35	6	S27 and S1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:21
S36	0	"2002176343".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:22
S37	0	"200200176343".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:22
S38	1	"20020176343".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 16:26
S39	1	"20020101790".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 15:44
S40	9	display with position with (virtual near3 (orbit or track))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/27 09:57

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S41	29	display with (virtual near3 (orbit or track))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 15:58
S42	1019	display with (position near5 (orbit or track))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 15:59
S43	13	display near5 position near5 orbit	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:01
S44	1	"6058079".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 16:14
S45	1	"5375106".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 16:14
S46	2997	display with (orbit or track) and (playback or reproduction)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 16:16
S47	2565	display with (orbit or track) with (position or point or location)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:44
S48	2377	display\$3 with (orbit or track) with (position)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 16:17
S49	1095	display\$3 near4 position with (orbit or track)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 16:17
S50	17250	(recording or reproducing or playback) and (optical near3 disc)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:05
S51	105	S49 and S50	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 16:59
S52	2	virtual adj orbit\$1 with display\$3 with position\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 16:59
S53	2	virtual adj orbit\$1 same display\$3 with position\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:00
S54	3	virtual adj orbit\$1 and display\$3 with position\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:00
S55	25	display\$3 near5 position near5 orbit	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:02

## EAST Search History

S56	2	display\$3 near5 position with orbit\$1 with concentric	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:03
S57	2	display\$3 with position with orbit\$1 with concentric	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:03
S58	10	display\$3 with orbit\$1 with concentric	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:04
S59	1	display\$3 with orbit\$1 and "84"/\$. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:05
S60	868	display\$3 with (orbit\$1 or track\$1) and (optical near3 disc)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:06
S61	239	display\$3 with (orbit\$1 or track\$1) with (position or location or scene or cue or point) and (optical near3 disc)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 17:07
S62	0	("2003/0206723").URPN.	USPAT	OR	OFF	2005/06/14 17:10
S63	0	("2002/0172107").URPN.	USPAT	OR	OFF	2005/06/14 17:21
S64	5608	((84/601-602,604-609,639,720) or (711/100) or (365/230.01)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/27 09:56
S65	40	display\$3 with (orbit\$2 or track) same (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:11
S67	1	S64 and S65	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:03
S68	9	display\$3 with (orbit\$2 or track) with (position\$2 or location) same (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:26
S69	1	"20020101790"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:17

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S70	0	display\$3 with simulat\$3 with (movement or moving or rotat\$3) with (position\$2 or location or point\$3 or medium) same (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:29
S71	195	display\$3 with (movement or moving or rotat\$3) with (position\$2 or location or point\$3 or medium) same (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:33
S72	45	display\$3 near4 (movement or moving or rotat\$3) with (position\$2 or location or point\$3 or medium) same (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:36
S73	136	display\$3 near4 (movement or moving or rotat\$3 or position\$2 or location or point\$3 or medium) with (orbit\$2 or track) and (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:38
S74	10	display\$3 near4 (movement or moving or rotat\$3 or position\$2 or location or point\$3 or medium) with (orbit\$2 or track) same (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/27 10:43
S75	0	("6807366").URPN.	USPAT	OR	OFF	2005/12/27 10:42
S76	5	("5602943"   "5729649"   "6473809"   "6571015"   "RE37810").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/27 10:42
S77	20	display\$3 near4 (movement or moving or rotat\$3 or position\$2 or location or point\$3) with (orbit\$2 or track or rotary) same (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 11:13
S78	11	("5638346").URPN.	USPAT	OR	OFF	2005/12/27 10:59
S79	12	("4356509"   "4381522"   "4456925"   "4521806"   "4769721"   "4866542"   "5109369"   "5153861"   "5179480"   "5325347"   "5388093"   "5491591").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/27 11:02



## EAST Search History

S80	0	("6807366").URPN.	USPAT	OR	OFF	2005/12/27 11:06
S81	5	("5602943"   "5729649"   "6473809"   "6571015"   "RE37810").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/27 11:06
S82	162	display\$3 near4 (movement or moving or rotat\$3 or position\$2 or location or point\$3) with (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 11:08
S83	3	visual near4 (movement or moving or rotat\$3 or position\$2 or location or point\$3) with (orbit\$2 or track or rotary) same (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 11:16
S84	178	(visual or visualiz\$5 or display\$3) near4 (movement or moving or rotat\$3 or position\$2 or location or point\$3) with (orbit\$2 or track or rotary) and (optical adj disc or CD or recording near3 medium) with (rotat\$3 or rotary or rotation\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 11:17
S85	11	("5638346").URPN.	USPAT	OR	OFF	2005/12/28 11:06
S86	1	("269405").URPN.	USPAT	OR	OFF	2005/12/28 11:07
S87	0	"269405".pn.	USPAT	OR	OFF	2005/12/28 11:12
S88	588	(piano near3 action).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 11:08
S89	4	"268405"	USPAT	OR	OFF	2005/12/28 11:12
S90	21	"268405"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 11:13
S91	20	gemunder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 11:13
S92	2	"0269405".PN.	USPAT; USOCR	OR	OFF	2005/12/28 11:14